

Attorney Docket No. P71162US0  
Application No. 10/573,049**Amendments to the claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application.

**Listing of claims:**

Claims 1-56 (canceled).

57 (new): A method of reducing IL-6 concentration and/or unoccupied IL-6 receptor concentration comprising administering to a patient in need thereof a medicament comprising a therapeutically effective amount of an antibody containing an antigen-binding site for IL-6 and/or the IL-6 receptor.

58 (new): The method of claim 57, wherein the antigen-binding site is for human IL-6 and/or the human IL-6 receptor.

59 (new): The method of claim 57, wherein the antibody is a monoclonal antibody.

60 (new): The method of claim 57, wherein the antibody is a monoclonal recombinant antibody.

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- 61 (new): The method of claim 57, wherein the antibody is a monoclonal recombinant single chain scAb or scFv antibody, a bispecific antibody, or a diabody.
- 62 (new): The method of claim 57, wherein the antibody is a monoclonal recombinant single chain scAb or scFv antibody, a bispecific antibody, or a diabody, and wherein the antigen-binding site is cross-reactive with IL-6 and/or the IL-6 receptor.
- 63 (new): The method of claim 57, wherein the medicament further comprises a pharmacologically acceptable carrier or diluent.
- 64 (new): The method of claim 57, wherein the medicament further comprises an anti-inflammatory substance selected from the group consisting of C-reactive Protein (CRP) antagonists, CRP binding molecules, anti-IL-1 $\beta$ -molecules, PLA2 antagonists, PLA2 binding molecules, complement blockers, and combinations thereof.
- 65 (new): The method of claim 57 for treatment for an endothelial disorder or an immune disorder excluding rheumatoid arthritis.
- 66 (new): The method of claim 65 for treating an endothelial disorder excluding rheumatoid arthritis, wherein the endothelial disorder is selected from the group consisting of stroke, cardiac

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infarction, avoidance of sudden cardiac death, atherosclerosis with unstable angina, acute liver failure, and hormone replacement therapy (HRT), and wherein the immune disorder is selected from the group consisting of radiation-induced leukemia, allograft transplant rejection, xeno-transplant rejection, inhibition of T cell activation, HIV infection, AIDS, autoimmune disease, autoimmune liver disease, diabetes type I and type II, osteoarthritis, neurodegenerative disease, Graves' disease, Hashimoto disease, dilated cardiomyopathy, diabetes mellitus, Morbus Bechterew, inflammatory bile disease, ulcerative colitis, idiopathic thrombocytopenia purpura (ITP), aplastic anemia, idiopathic dilated cardiomyopathy (IDM), autoimmune thyroiditis, Goodpastures' disease, diabetic shock, and combinations thereof.

67 (new): The method of claim 65 for treating an immune disorder excluding rheumatoid arthritis, wherein the immune disorder is myasthenia gravis.

68 (new): The method of claim 57 for treatment inhibiting an immunologic, inflammatory, and/or patho-physiological response.